

ABSTRACT OF THE DISCLOSURE

A network of inter-connectable optical fibers equipped, at strategic locations, with devices that can respond to optical signals emanating from a particular source as part of a message or data stream to determine the destination and select suitable fibers to assure its arrival at the point of destination, using at said locations lambda-extractor switches for single frequencies to signal the switching logic, nanosecond responsive switches to redirect the data flow into appropriate other optical fibers on an instantaneous time basis, and massive cross-connecting switches that enable the connection to any incoming fiber to any outgoing fiber within one module in a mechanically asynchronous manner.

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RECORDED BY AUTOMATIC FILING SYSTEM
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